Notice of Allowability Application No. Application No. Application No. 10/830,542 WILLIAMS ET Al. Examiner Art Unit 10/830,542 Examiner Art Unit 10/830,542 Examiner Art Unit 10/830,542 Art U				$m\sim$	
Examiner	·	Application No.	Applicant(s)	• •	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address- All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application will be made in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application will be made in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to 09/14/2007. 2. ☑ The allowed claim(s) is/are 1.8. 10-22, 38-42, 44-46, 54-62 and 64-74 (renumbered as 1-49. 3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* o ☐ None of the: 1. ☐ Certified opies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No. ☐ 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). *Certified copies not received: ☐ Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF HOPORAL PATENT APPLICATION (PCT-0152) which gives reason(s) why the oath or declaration is deficient. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) stached 1) ☐ hereito or 2) ☐ to Paper No. Mail Date (b) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached Examiner's commen	M. C PAH. 1994	10/630,542	WILLIAMS ET AL.		
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All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith for previously mailed), a Notice of Allowance (PTOL-68) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOTA GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to 09/14/2007. 2. ☑ The allowed claim(s) is/are 1-8, 10-22, 38-42, 44-46, 54-62 and 64-74 (renumbered as 1-49). 3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rul 17.2(a)). **Certified copies on the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rul 17.2(a)). **Certified copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rul 17.2(a)). **Certified copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rul 17.2(a)). **Certified copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rul 17.2(a)). **Certified copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rul 17.2(a)). **Certified copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rul 17.2(a)). *		Isaac T. Tecklu	2192		
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Art Unit: 2192

DETAILED ACTION

1. This action is responsive to the applicant's amendment filed on 09/14/2007.

- 2. Claims 1, 12-14, 38, 54, 64-67 and 74 have been amended.
- 3. As per Applicants request claims 9, 23-37, 43, 47-53 and 63 have been cancelled.
- 4. Claims 1-8, 10-22, 38-42, 44-46, 54-62 and 64-74 are being allowed.

EXAMINER'S AMENDMENT

5. An examiner's amendment to the record appear below. Should the change and/or additions be unacceptable to the Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such amendment, it MUST be submitted no later than the payment of issue fee.

Authorization for examiner's amendment was given in a telephone interview with Ronald Rohde, Registration No. 45,050 on 12/10/2007. A proposed amendment has been received and adopted by the Examiner - See attached on pages 5-13.

Art Unit: 2192

Allowable Subject Matter

6. The following is an examiner's statement of reasons for allowance:

As applicant pointed out under Remark section, pages 15-19, Moberger et al. (US 6,698,015 B1) taken either singly and/or in combination with other cited prior arts, do not revise the program by designating the function as a code to be compiled by an extension compiler and by replacing the critical code segment with a statement that calls the function; and compile the revised program, including compile an extension file including the code to produce a header file and an intermediate file written in a hardware description language, such that the function is executed by the programmable logic device, as recited in such manners in each of independent claims 1, 38, 54 and 74.

Prior arts of record do not teach and/or suggest these claimed limitations, thus, all remaining pending claims 1-8, 10-22, 38-42, 44-46, 54-62 and 64-74 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac Tecklu whose telephone number is (571) 272-7957. The examiner can normally be reached on M-TH 9:300A - 8:00P.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/630,542

Art Unit: 2192

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Isaac Tecklu Art Unit 2192

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